

DPM 6056

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Raychem**PRODUCT SAFETY DATA AND INFORMATION**

ISSUE NO: 2 EFFECTIVE DATE: September 1982 SERIAL NO: RAY/3058

GENERAL INFORMATION

Product Name: Thermofit® S-1006 Adhesive

Product Code: S-1006

Manufacturer: RAYCHEM CORPORATION
300 CONSTITUTION DRIVE
MENLO PARK, CA 94025

Telephone No. 415/361-3333

PRODUCT DESCRIPTION

Two-part epoxy adhesive: Part (A): Epoxy resin

Part (B): Polyamide resin catalyst

Both parts contain approximately 4% amorphous silica* (see below)

PHYSICAL PROPERTIESAppearance and Odor: Viscous liquids (A) Resin: purple
(B) Catalyst: tan

Slight musty odor.

Specific Gravity: N/A

Solubility in Water: Nil.

Flash Point (°F): (A) 480°F (B) 365°F

Volatility at 23°C (%W/W): Nil.

PHYSIOLOGICAL PROPERTIESAcute Oral Toxicity: (A) Resin: Oral LD₅₀ (Rat) \approx 11.4 g/kg
(B) Catalyst: Oral LD₅₀ (Rat) > 15 g/kgT.L.V.: Not established for epoxy or polyamide resins.
Silica (amorphous) = 20 mppcf (ACGIH 1982)*Local Effects on Eyes and Skin: Skin and eye irritants. May cause skin sensitization
or other allergic response.

The product as supplied is believed to present no toxic hazard per se.

STORAGE, HANDLING AND PREVENTATIVE MEASURESStorage: Cool, dry environment, away
from acids, bases and oxidizersIncompatible Materials: May react
exothermically with acids, bases
or strong oxidizing agents.**Special Precautions:**Prevent contact with skin and eyes. May cause skin sensitization or other
allergic response. Use with adequate ventilation, store in cool area.**Thermal Decomposition Products:**If involved in a fire, thermal decomposition products should be considered
toxic and should not be inhaled.Thermal decomposition products may include acids, aldehydes, CO and CO₂.*NOTE: Silica in product as supplied is bound in resin and not available
as airborne particulate.

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STORAGE, HANDLING AND PREVENTATIVE MEASURES (cont.)

Ventilation: In accordance with good industrial hygiene practice, use in well-ventilated area.

Protective Clothing and Equipment: Gloves (Butyl rubber) and safety glasses are recommended to prevent skin and eye contact.

Disposal: In accordance with Federal, State and local regulations. Recommend reacting waste resin and catalyst prior to disposal.

Installation: See appropriate Raychem Installation guide.

EMERGENCY AND FIRST AID PROCEDURES

Eyes: Flush with water for at least 15 minutes. Seek medical attention.

Skin: Wash affected area thoroughly with mild soap and water. Seek medical attention.

Ingestion: Seek immediate medical attention.

Spillage: Wipe up spill using gloves. Remove residue with solvent-moistened rag.

Fire: See special precautions.

Special Precaution: Toxic fumes may be evolved in a fire. Firemen should wear self-contained breathing apparatus in enclosed areas.

Extinguishing Media: Water, foam, CO₂ (Standard)

NOTICE:

This information is supplied in accordance with U.S. Bureau of Labor Standards and includes applicable portions of information requested in OSHA-Form 20. Users are advised to ensure that this information is brought to the attention of their employees handling the product. The information given herein is believed to be reliable. However, Raychem makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use. Raychem's obligations shall be only as set forth in Raychem's standard terms and conditions

of sale for this product and in no case will Raychem be liable for any incidental, indirect or consequential damages arising out of the sale, resale, use or misuse of the product.

Users of Raychem products should make their own evaluation to determine the suitability of each such product for the specific application and to establish safe handling and installation procedures.

Data Sheet Approved By:


Gloria J. Van der Heiden
Corporate Industrial Hygienist

Date: September 1982